ABSTRACT OF THE DISCLOSURE

A method of breast reconstruction utilizes a breast prosthesis having a plurality of chambers or compartments distributed through a body member or shell in the form of a breast. The chambers are disposed along the superior, lateral and inferior surfaces, as well as in the interior, of the body member. The chambers are differentially pressurized or filled in order to control the shape of the prosthesis upon implantation thereof. Valves are provided for regulating the flow of fluid into and from the chambers. The prosthesis and the fill levels of the respective chambers may be selected by computer.